ABSTRACT

When providing a rotation detecting device which detects the rotational state of a rotary shaft, it is constructed to be a device in which the number of parts is small, and the incorporation is simple.

The construction is made such that a long holder receiving part (10) is formed on the channel back side in an opening part (7b) of a motor shaft case body (7) of a casing (6) which contains a reduction mechanism part, and a sensor holder (12) in which a hall device (14) to be the rotation detecting device is incorporated is slid in the longitudinal direction of the motor shaft, and is incorporated in the holder receiving part (10) in the lightly pressed state, similarly to the incorporation of the motor shaft (4).

ABSTRACT

A rotation detecting device which detects the rotational state of a rotary shaft, is structured to be a device in which the number of parts is small, and the incorporation is simple. The structure is such that a long holder receiving part is formed on the channel back side in an opening part of a motor shaft case body of a casing which contains a reduction mechanism part, and a sensor holder in which a hall device, the rotation detecting device, is incorporated, is slid in the longitudinal direction of the motor shaft, and is incorporated in the holder receiving part in the lightly pressed state, similarly to the incorporation of the motor shaft.